

Saves Valuable Time



The Simba CC Roller retro-fitted to an existing single press

The CC Roller's non-stick properties mean it can be used immediately after cultivations and drilling, whereas on many occasions a traditional Cambridge roll cannot be used for one or two days for fear of blocking on freshly worked, moist soil.

Achieving effective consolidation so soon after drilling optimises crop germination as soil to seed contact is guaranteed, which benefits the crops subsequent development.

The 'saucers', with their central divot, do not inhibit emergence – plants emerge straight through them: users report that overall plant populations are the same where the CC Roller has been used as where any other form of final consolidation has been chosen.



The CC Roller also leaves a well levelled surface which improves the efficacy of pre-emergence herbicides. The durability and weight of the CC Roller also ensures that stones are pushed down into the seedbed so they do not hamper subsequent field operation, especially harvesting.

CC Roller Specifications

MODEL	6.5m	7.4m	8.3m
Working Width (mm)	6500	7400	8300
Transport Width (mm)	2500	2500	2500
Transport Height (mm)	1750	1750	1750
Transport Length (mm)	5000	5000	5500
No. of Sections	3	3	3
Weight (kgs)	2450 to 3450	2750 to 3750	3050 to 4050
Power Requirement (hp)	80-100	90-110	100-120

- **Roller dia. 570mm**
- **Fitted with 10.0/75-15.3 wheels on 6 stud hubs**

Additional and removable weight packs are available on the CC Roller to enable optimum consolidation on a variety of soil types and conditions.

Retro-fitting CC Roller

CC Rollers are available complete with flange type bearings on 50mm stub axles up to a maximum width of 4m. Any size of machine can be matched by a combination of individual rollers i.e. if you have a 6m machine you can fit two 3m CC Roller sections or three 2m sections.



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SIMBA

PROFIT THROUGH INNOVATION

Consolidate and conserve

Effective consolidation plays a crucial, but often under-appreciated, part in modern arable farming. Simba's new CC roller ensures users achieve the full benefits of :-

- *Optimum soil to seed/root contact*
- *Minimal moisture loss*
- *Improved drainage and water infiltration*
- *Reduced soil erosion*

More importantly the CC ROLLER helps to conserve moisture in two distinct ways :
It presses a lattice of small indentations in the soil surface creating small reservoirs which prevents lateral water movement. Secondly the roller can be used immediately after drilling therefore maximising moisture conservation.



Unique design creates water retaining 'Saucers'

Durable rubber teeth are fixed to a rubber carcass. As well as crushing clods, these teeth press small reservoirs in the soil that catch water and retain it on the seedbed, preventing it from running off and carrying valuable soil, residual chemicals and nutrients with it.

...No scrapers needed

The rubber carcass has a degree of flexibility so it shrugs off moist soil and runs clean without needing scrapers. This avoids downtime adjusting and cleaning them and eliminates their 'braking' effect.

The CC Roller can also be supplied or retrofitted as a final press roll behind a range of cultivators – both those made by Simba and by other manufacturers.

CCR fitted to a McConnel Shakerator

The New CCR Concept

The CCR Roller enables farmers to consolidate seedbeds after drilling and, at the same time, protect them against erosion in a single pass.

This optimises crop performance, as it minimises moisture loss and ensures excellent seed to soil contact, while also protecting soil against erosion at a time when it generally has no green cover and so is at its most vulnerable.

It will replace the traditional cast ring Cambridge Roll as it has a number of important advantages over it.

Simba has an International Patent Application for this new design (No PCT/GB2005/002602).

